

ALASKA

Science and Engineering Profile

	Alaska	U.S.	Rank		Alaska	U.S.	Rank
Doctoral scientists, 1993	1,086	430,332	49	Total R&D performance, 1993 (millions)	\$130	\$161,427	46
Doctoral engineers, 1993	97	81,293	50	Industry R&D, 1993 (millions)	\$14	\$117,622	49
S&E doctorates awarded, 1995	19	26,482	50	Academic R&D, 1994 (millions)	\$76	\$20,573	41
of which, in life sciences	37%	24%		of which, in environmental sciences	47%	7%	
in environmental sciences	21%	3%		in life sciences	24%	55%	
in engineering	11%	23%		in physical sciences	20%	10%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	4	36,143	51	expenditures, 1993 (millions)	\$345	\$163,994	49
S&E graduate students, 1994				Number of SBIR awards, 1990-94	3	18,023	49
in doctorate-granting institutions	627	438,694	51	Patents issued to state residents, 1995	39	55,717	50
Population, 1995 (000s)	604	262,755	48	Gross state product, 1992 (billions)	\$26.0	\$5,994.1	41
Civilian labor force, 1995 (000s)	302	132,281	49	of which, agriculture	2%	2%	
Personal income per capita, 1995	\$24,182	\$22,788	11	manufacturing, mining, construction	38%	23%	
Federal spending				transportation, communication, utilities	13%	9%	
Total expenditures, 1995 (millions)	\$4,198	\$1,326,294	46	wholesale and retail trade	8%	16%	
R&D obligations, 1994 (millions)	\$157	\$65,654	38	finance, insurance, real estate	13%	18%	
				services	10%	20%	
				government	17%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Alaska by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	157,317	64,966	0	47,962	42,593	199	1,597	38
Department of Agriculture	7,768	6,026	0	0	1,742	0	0	40
Department of Commerce	32,457	30,353	0	0	1,962	0	142	9
Department of Defense	15,626	4,437	0	646	10,543	0	0	41
Department of Energy	47,178	0	0	46,705	473	0	0	20
Dept. of Health & Human Services	2,911	605	0	0	1,747	199	360	49
Department of the Interior	26,240	23,545	0	611	2,084	0	0	5
Department of Transportation	1,145	0	0	0	50	0	1,095	43
Environmental Protection Agency	0	0	0	0	0	0	0	na
Nat'l Aeronautics & Space Admin.	12,664	0	0	0	12,664	0	0	28
National Science Foundation	11,328	0	0	0	11,328	0	0	32
State rank	38	27	na	32	38	51	40	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

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